

Plant Breeding Abstracts

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Plant Breeding Abstracts

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Wheat (including Aegilops)	21	183	328	471	623	782	947	1110	1257	1379	1527	1682
Barley	31	192	340	486	633	794	960	1126	1265	1389	1537	1695
Oats	36	195	343	490	637	797	964	1130	1268	1392	1540	1702
Rye	36	195	344	490	638	798	964	1131	—	1393	—	1703
Triticale	37	196	344	491	638	799	966	1131	1269	1394	1541	1704
Maize (including Tripsacum)	37	198	344	493	639	799	969	1132	1269	1394	1541	1705
Sorghum	46	206	352	500	647	808	975	1140	1279	1405	1550	1714
Millets	48	207	353	502	647	809	976	1142	1280	1410	1553	1715
Rice	50	209	353	504	649	810	977	1144	1281	1413	1555	1717
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Lucerne	62	222	363	514	661	824	993	1159	1289	1427	1572	1729
Clovers	64	224	364	515	662	826	995	1161	1289	1428	1573	1731
Other fodder legumes	66	226	366	516	664	828	997	1163	1290	1429	1575	1732
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Phaseolus	74	232	371	523	673	835	1004	1172	1299	1434	1582	1742
Peas	76	234	372	524	676	837	1005	1173	1300	1436	1583	1745
Lentils	79	237	373	526	679	840	1006	1176	1301	1437	1584	1746
Chickpeas	80	237	374	527	680	840	1006	1177	1301	1437	1584	1747
Pigeon peas	81	238	374	527	682	840	1008	1178	1302	1439	1585	1748
Vigna	82	239	375	527	684	841	1008	1179	1302	1440	1585	1748
Other grain legumes	84	240	376	—	684	842	1009	1180	1303	1442	1587	1749
ROOT CROPS	84	240	376	529	684	842	1010	1180	1304	1443	1587	1749

Potatoes	84	240	376	529	684	842	1010	1180	1304	1443	1587	1749
Carrots	88	245	378	533	689	848	1015	1184	-	1447	1590	1753
Swedes and turnips	89	-	-	-	689	849	-	-	-	-	1591	1753
Cassava	89	246	378	533	689	849	-	1185	1306	1447	1591	-
Sweet potatoes	90	246	378	533	690	849	1015	1185	1306	1448	1593	1754
Yams	-	247	379	-	-	850	1016	-	-	1448	1594	1754
Colocasia	-	-	-	534	690	-	1016	-	-	-	1594	-
Other root crops	91	247	379	534	690	850	1016	1185	1307	1448	1595	1754
LEAFY VEGETABLES, BULBOUS VEGETABLES, STEM VEGETABLES												
Allium	91	247	379	535	691	850	1016	1186	1307	1449	1596	1756
Brassica	92	249	382	536	692	851	1017	1187	1308	1450	1597	1757
Spinach	94	251	-	538	693	853	1018	1188	-	-	1599	1759
Celery	94	-	-	538	694	-	-	1188	1308	-	-	-
Lettuces	95	251	384	539	-	853	-	-	1309	1452	1599	1759
Other leafy, bulbous and stem vegetables	95	251	384	539	694	854	1019	1189	1310	1452	1599	1760
FRUIT VEGETABLES												
Tomatoes	95	252	385	540	695	854	1020	1189	1310	1453	1601	1760
Aubergines	97	257	387	544	-	858	1025	1193	1312	1457	1605	1763
Capsicum	98	257	387	544	698	858	1025	1193	1312	1457	1605	1764
Cucurbitaceae	99	259	387	545	699	859	1026	1194	1313	1458	1606	1764
Other fruit vegetables	100	259	-	546	-	-	-	1196	1315	1461	1607	1767
TEMPERATE FRUITS												
Pome fruits	101	260	389	547	702	862	1028	1196	1315	1461	1608	1767
Stone fruits	102	262	397	550	704	864	1030	1197	1316	1463	1610	1769
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Bananas	106	267	404	557	710	869	1034	1201	1321	1470	1615	1772
Citrus fruits	107	268	406	557	710	869	1034	1202	1321	1471	1616	1772
Other tropical and subtropical fruits	108	269	408	558	711	870	1036	1202	1323	1472	1616	1773
NUT CROPS												
FATTY OIL PLANTS	110	272	411	561	714	872	1038	1205	1325	1474	1619	1774
Rape (including other oilseed brassicas and Sinapis)												
Linseed	113	273	416	564	721	876	1041	1208	1328	1476	1624	1779
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Safflower	-	275	-	566	723	878	1043	1210	-	1477	1625	1781
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Groundnuts	118	275	417	567	725	878	1044	1211	1331	1479	1625	1782
Castor beans	120	276	-	569	725	880	-	1212	1331	1480	1628	1784
Sesame	120	276	418	569	725	880	1045	1212	1332	1480	1628	1784
Other fatty oil plants	120	276	419	570	726	880	1045	1212	1332	1481	1628	1784
SUGAR CROPS												
Sugarcane	121	277	419	570	726	882	1045	1213	1333	1481	1628	1784

Sugarbeet	122	278	420	571	727	884	1045	1215	1334	1483	1632	1786
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Tobacco	123	280	425	573	729	886	1048	1216	1336	1484	1634	1788
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Cotton	128	285	427	579	733	894	1052	1219	1337	1489	1637	1796
Flax	134	288	428	582	—	896	1055	1220	1339	1492	—	1798
Jute	—	288	428	—	—	—	1055	—	—	1492	1639	1798
Sisal	—	—	428	—	—	—	—	—	1339	—	—	1798
Other fibre plants	135	288	429	582	735	896	1055	1221	1340	1492	1639	1798
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FOREST TREES	135	289	429	582	736	897	1055	1221	1340	1493	1640	1799
Broadleaves	135	290	431	583	736	897	1055	1222	1340	1493	1641	1799
Conifers	138	293	346	586	742	900	1060	1225	1343	1495	1645	1804
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Herbaceous plants	145	300	442	591	750	908	1069	1232	1346	1500	1652	1808
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 Ito, P. 1999
 Ito, R. 3205
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Listed below are the titles of the serial publications (excluding most annual reports and conference proceedings) abstracted during 1996 for this journal.

Many other serials were scanned during 1996 but no relevant articles were selected. A full list of all the serials scanned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's abstract journals is given in the *CAB International Serials Checklist, 1995 edition*. The publication includes ISSN's and publishers' addresses.

- | | |
|---|---|
| ACIAR Food Legume Newsletter | Agronomie |
| ACIAR Forestry Newsletter | Agronomist |
| ACIAR Technical Reports Series | Agronomy Journal |
| Acta Academiae Agriculturae ac Technicae Olstenensis, Agricultura | Agropecuária Catarinense |
| Acta Agriculturae Scandinavica. Section B, Soil and Plant Science | Agrotropica |
| Acta Agriculturae Boreali-Sinica | Akon'ny Ala |
| Acta Agriculturae Nucleatae Sinica | Al Awamia |
| Acta Agriculturae Shanghai | Alexandria Journal of Agricultural Research |
| Acta Agriculturae Sinica | Aliso |
| Acta Agriculturae Universitatis Jiangxiensis | Allgemeine Forst- und Jagdzeitung |
| Acta Agriculturae Universitatis Pekinensis | Aloe |
| Acta Agriculturae Zhejiangensis | Alon Hanotea |
| Acta Agronomica Hungarica | American Camellia Yearbook |
| Acta Agronomica Óváriensis | American Journal of Botany |
| Acta Agronomica Sinica | American Journal of Clinical Nutrition |
| Acta Agronómica, Universidad Nacional de Colombia | American Journal of Enology and Viticulture |
| Acta Biochimica et Biophysica Sinica | American Midland Naturalist |
| Acta Biologica Hungarica | American Naturalist |
| Acta Botanica Gallica | American Orchid Society Bulletin |
| Acta Botánica Mexicana | American Potato Journal |
| Acta Botanica Neerlandica | American Rhododendron Society Journal |
| Acta Botanica Sinica | Anadolu |
| Acta Botanica Yunnanica | Anais da Sociedade Entomológica do Brasil |
| Acta Entomologica Sinica | Analele Institutului de Cercetări pentru Cereale și Plante Tehnice, |
| Acta Horticulturae | Fundulea |
| Acta Horticulturae Sinica | Anales del Jardín Botánico de Madrid |
| Acta Mycologica Sinica | Angewandte Botanik |
| Acta Oecologica | Animal Feed Science and Technology |
| Acta Pedologica Sinica | Ankara Üniversitesi Ziraat Fakültesi Yıllığı |
| Acta Physiologiae Plantarum | Annales de l'Institut National de la Recherche Agronomique de Tunisie |
| Acta Phytopathologica Sinica | Annales de Zootechnie |
| Acta Phytophylacica Sinica | Annales des Sciences Forestières |
| Acta Phytophysiological Sinica | Annales du Tabac. Section 2 |
| Acta Phytotaxonomica Sinica | Annals of Agricultural Research |
| Acta Prataculturae Sinica | Annals of Agricultural Science (Cairo) |
| Acta Pruhoniana | Annals of Agricultural Science, Moshtohor |
| Acta Scientiarum Naturalium Universitatis Sunyatseni | Annals of Applied Biology |
| Acta Societatis Botanicorum Poloniae | Annals of Arid Zone |
| Acta Universitatis Agriculturae, Facultas Agronomica | Annals of Biology (Ludhiana) |
| Acta Universitatis Upsaliensis, Symbolae Botanicae Upsalienses | Annals of Botany |
| Acta Virologica | Annals of Forestry |
| Advances in Agronomy | Annals of Plant Physiology |
| Advances in Forestry Research in India | Annals of Plant Protection Sciences |
| Advances in Horticultural Science | Annals of the Missouri Botanical Garden |
| Advances in Plant Sciences | Annals of the Phytopathological Society of Japan |
| African Crop Science Journal | Annual Report - Northern Nut Growers' Association |
| African Journal of Ecology | Annual Report of the Society of Plant Protection of North Japan |
| African Journal of Range & Forage Science | Annual Review of Ecology and Systematics |
| AFZ, Allgemeine Forst Zeitschrift | Annual Review of Genetics |
| AFZ/Der Wald, Allgemeine Forst Zeitschrift für Waldwirtschaft und | Annual Review of Plant Physiology and Plant Molecular Biology |
| Umweltvorsorge | Anzeiger für Schädlingskunde, Pflanzenschutz, Umweltschutz |
| AgBiotech News and Information | Appita Journal |
| Agraarteadus | Applied and Environmental Microbiology |
| Agrarforschung | Applied and Theoretical Electrophoresis |
| Agri-food Research in Ontario | Applied Engineering in Agriculture |
| Agribiological Research | Applied Microbiology and Biotechnology |
| Agricoltura Mediterranea | Aquatic Botany |
| Agricultura Técnica (Santiago) | Arab Gulf Journal of Scientific Research |
| Agricultura Técnica en México | Arab Journal of Plant Protection |
| Agricultural and Food Science in Finland | Arab Universities Journal of Agricultural Sciences |
| Agricultural and Forest Meteorology | Arboretum Kórnické |
| Agricultural Reviews (Karnal) | Arboriculture Fruitière |
| Agricultural Science Digest (Karnal) | Archives of Biochemistry and Biophysics |
| Agricultural Science in Finland | Archives of Phytopathology and Plant Protection |
| Agriculture et Développement | Archivos Latinoamericanos de Nutrición |
| AgriScientia | Arid Soil Research and Rehabilitation |
| Agrivita | Aridus |
| Agro Food Industry Hi-Tech | Arkansas Farm Research |
| Agro Sur | Arnoldia (Boston) |
| Agrochimica | Arquivos de Biologia e Tecnologia |
| Agroforestry Systems | Arroz |
| Agroforestry Today | Asian-Australasian Journal of Animal Sciences |
| Agronomía Tropical (Maracay) | Asparagus Research Newsletter |
| Agronómico | Aspects of Applied Biology |

- Assiut Journal of Agricultural Sciences
 ATLA, Alternatives to Laboratory Animals
 Australasian Agribusiness Review
 Australasian Biotechnology
 Australasian Plant Pathology
 Australian Cotongrower
 Australian Forestry
 Australian Journal of Agricultural Research
 Australian Journal of Botany
 Australian Journal of Experimental Agriculture
 Australian Journal of Grape and Wine Research
 Australian Journal of Plant Physiology
 Australian Plant Introduction Review
 Australian Plants
 Australian Systematic Botany
 Austrobaileya
 Avance Agroindustrial
 Baileya
 Bangladesh Journal of Scientific and Industrial Research
 Bangladesh Journal of Zoology
 Běijing Agricultural Sciences
 Beiträge zur Biologie der Pflanzen
 Berita - Pusat Penelitian Perkebunan Gula Indonesia
 Berita ISOPB
 Betteravies (Bruxelles)
 Bharatiya Sugar
 Bhartiya Krishi Anusandhan Patrika
 Bio/Technology
 Biochemical and Biophysical Research Communications
 Biochemical Genetics
 Biochemical Journal (London)
 Biochemical Systematics and Ecology
 Biochemistry and Cell Biology
 Biochemistry and Molecular Biology International
 Biochimica et Biophysica Acta, Bioenergetics
 Biochimica et Biophysica Acta, Gene Structure and Expression
 Biochimica et Biophysica Acta, Lipids and Lipid Metabolism
 Biochimica et Biophysica Acta, Protein Structure and Molecular Enzymology
 Biochimie
 Biocontrol Science and Technology
 Biodiversity and Conservation
 BioEssays
 Biofutur
 Biológia (Bratislava)
 Biological & Pharmaceutical Bulletin
 Biological Agriculture & Horticulture
 Biological Conservation
 Biological Journal of the Linnean Society
 Biologicheskii Zhurnal Armenii
 Biologija
 Biologisches Zentralblatt
 Biology and Fertility of Soils
 Biology Bulletin of the Russian Academy of Sciences
 Biology of the Cell
 Biomass and Bioenergy
 BioMetals
 Biometrical Journal
 Biometrics
 Bioresource Technology
 BioScience
 Bioscience, Biotechnology and Biochemistry
 Biotechnic & Histochemistry
 BioTechniques (Euro Edition)
 Biotechnology Advances
 Biotechnology and Bioengineering
 Biotechnology and Development Review
 Biotechnology and Genetic Engineering Reviews
 Biotechnology Letters
 Biotechnologia
 Biotropica
 Biuletyn Instytutu Hodowli i Aklimatyzacji Roślin
 Biuletyn Instytutu Ziemińska
 Biuletyn Warzywniczy
 Blumea
 BNF Nutrition Bulletin
 Bodenkultur
 Bois et Forêts des Tropiques
 Boletim de Indústria Animal
 Boletim de Pesquisa - Centro de Pesquisa Agropecuária dos Cerrados
 Boletín de Promecafé
 Boletín Mejoramiento Genético y Semillas Forestales
 Bonplandia
 Botanic Gardens Micropropagation News
 Botanica Acta
 Botanica Helvetica
 Botanica Marina
 Botanical Bulletin of Academia Sinica
 Botanical Journal of Scotland
 Botanical Journal of the Linnean Society
 Botanical Review
 Botanicheskii Zhurnal
 Bothalia
 Bragantia
 Brazilian Journal of Genetics
 Brazilian Journal of Medical and Biological Research
 Breeding Science
 British Food Journal
 British Poultry Science
 British Sugar Beet Review
 Brittonia
 Buletinul Academiei de Ştiinţe a Republicii Moldova. Ştiinţe Biologice şi Chimice
 Bulgarian Journal of Agricultural Science
 Bulletin - Connecticut Agricultural Experiment Station
 Bulletin - Louisiana Agricultural Experiment Station
 Bulletin - Pusat Penelitian Perkebunan Gula Indonesia
 Bulletin - West Indies Central Sugarcane Breeding Station
 Bulletin de l'OIV
 Bulletin des Séances, Académie Royale des Sciences d'Outre-Mer
 Bulletin du Muséum National d'Histoire Naturelle. Section B, Adansonia
 Bulletin OEPP
 Bulletin of Entomological Research
 Bulletin of Environmental Contamination and Toxicology
 Bulletin of Faculty of Agriculture, University of Cairo
 Bulletin of Taichung District Agricultural Improvement Station
 Bulletin of the Agricultural Research Institute of Kanagawa Prefecture
 Bulletin of the College of Agriculture and Veterinary Medicine, Nihon University
 Bulletin of the Faculty of Agriculture, Hiroshima University
 Bulletin of the Faculty of Agriculture, Niigata University
 Bulletin of the Faculty of Agriculture, Saga University
 Bulletin of the Fruit Tree Research Station
 Bulletin of the Fruit Tree Research Station, Extra
 Bulletin of the Hiroshima Prefectural Agriculture Research Center
 Bulletin of the Hokuriku National Agricultural Experiment Station
 Bulletin of the Institute for Comprehensive Agricultural Sciences, Kinki University
 Bulletin of the Kyoto University Forests
 Bulletin of the National Forest Tree Breeding Center
 Bulletin of the National Institute of Agrobiological Resources
 Bulletin of the National Research Institute of Vegetables, Ornamental Plants and Tea. Series A: Vegetables and Ornamental Plants
 Bulletin of the National Research Institute of Vegetables, Ornamental Plants and Tea. Series B
 Bulletin of the Research Institute for Bioresources, Okayama University
 Bulletin of the Shikoku National Agricultural Experiment Station
 Bulletin of the Taiwan Forestry Research Institute
 Bulletin of the Tohoku National Agricultural Experiment Station
 Bulletin of the Tokyo University Forests
 Bulletin of the Torrey Botanical Club
 Bulletin OILB/SROP
 Bulletin Technique - Office National des Forêts
 Bulletin Trimestriel - Centre de Populiculture du Hainaut, Cahiers Techniques de l'Objectif 1
 Byulleten' Glavnogo Botanicheskogo Sada
 Cactus and Succulent Journal
 Cahiers Agricultures
 Cahiers d'Economie et Sociologie Rurales
 Camellia Journal
 Canadian Journal of Animal Science
 Canadian Journal of Botany
 Canadian Journal of Forest Research
 Canadian Journal of Plant Pathology
 Canadian Journal of Plant Science
 Canadian Plant Disease Survey
 Carbohydrate Research
 Carta Trimestral - CENICANA, Centro de Investigación de la Caña de Azúcar de Colombia
 Cashew
 Cassava Newsletter
 Cell (Cambridge)
 Cell Biology International
 Cellular and Molecular Biology
 Cellular and Molecular Biology Research
 Centro Agrícola
 Centro Azúcar
 Cercetări Agronomice în Moldova
 Cereal Chemistry
 Cereal Foods World
 Cereal Research Communications
 Ceylon Journal of Science, Biological Sciences
 Chemical and Pharmaceutical Bulletin
 Chemistry and Industry (London)
 Chemistry of Natural Compounds
 China Citrus
 China Cottons
 China Fruits
 China Sugarbeet
 China Tea
 China Vegetables

- China's Fibre Crops
 Chinese Biodiversity
 Chinese Journal of Agrometeorology
 Chinese Journal of Rice Science
 Chinese Journal of Virology
 Chromatographia
 Chromosoma
 Chromosome Research
 Ciência e Cultura (São Paulo)
 Ciencia e Investigación Agraria
 Ciência Rural
 Científica (Jaboticabal)
 CIMMYT World Wheat Facts and Trends
 CIP Circular
 CIRAD Notes et Documents
 Circular - Alabama Agricultural Experiment Station, Auburn University
 Circular - Louisiana Agricultural Experiment Station
 Circular - Texas Forest Service
 Citrus Journal
 Clinical and Experimental Allergy
 Colture Protette
 Commonwealth Forestry Review
 Communicationes Instituti Forestalis Bohemicae
 Communications in Soil Science and Plant Analysis
 Compact Fruit Tree
 Comptes Rendus de l'Académie d'Agriculture de France
 Comptes Rendus de l'Académie des Sciences. Série III, Sciences de la Vie
 Comptes Rendus des Séances de la Société de Biologie et de ses Filiales
 Computer Applications in the Biosciences
 Comunicado Técnico - EMCAPA
 Conservation Biology
 Cooperative Sugar
 Coton et Développement
 CRC Critical Reviews in Food Science and Nutrition
 Critical Reviews in Plant Sciences
 Crop Genetic Resources
 Crop Improvement
 Crop Protection
 Crop Research (Hisar)
 Crop Science
 CRRN, Chinese Rice Research Newsletter
 Cruciferae Newsletter
 Cryo-letters
 Cryobiology
 Cuban Journal of Agricultural Science
 Cultivar (Rueil - Malmaison)
 Cultivos Tropicales
 Current Agricultural Research
 Current Biology
 Current Genetics
 Current Opinion in Biotechnology
 Current Opinion in Cell Biology
 Current Opinion in Genetics & Development
 Current Research - University of Agricultural Sciences (Bangalore)
 Current Research on Medicinal and Aromatic Plants
 Current Science
 Current Topics in Microbiology and Immunology
 Curtis's Botanical Magazine
 Cytobios
 Cytologia
 Deciduous Fruit Grower
 Desert Plants
 Deutsche Lebensmittel-Rundschau
 Development (Cambridge)
 Developmental Biology
 Developmental Genetics
 Dirasat. Series B, Pure and Applied Sciences
 Discovery and Innovation
 Diversity
 DNA Sequence
 Documents de Travail du CIRAD-CA
 Doklady Akademii Nauk Belarusi
 Doklady, Biological Sciences
 Duta Rimba
 Ecological Applications
 Écologie
 Ecologist
 Ecology
 Economia Montana - Linea Ecologica
 Economic Botany
 Écoscience
 Ecossistema
 Eesti Teaduste Akadeemia Toimetised, Bioloogia
 Ege Üniversitesi Ziraat Fakültesi Dergisi
 Egyptian Journal of Horticulture
 Egyptian Journal of Physiological Sciences
 Ekologija
 Elaeis
 Electrophoresis
 EMBO Journal
 Englera
 Entomologia Experimentalis et Applicata
 Entomologia Sinica
 Environment and Ecology
 Environmental and Experimental Botany
 Environmental Entomology
 Environmental Pollution
 Ernstia
 Erwerbsobstbau
 Euphytica
 European Journal of Agronomy
 European Journal of Biochemistry
 European Journal of Forest Pathology
 European Journal of Plant Pathology
 Evolution
 Evolutionary Ecology
 Experimental & Applied Acarology
 Experimental Agriculture
 Experimental Cell Research
 Experimental Mycology
 FABIS Newsletter
 Fagopyrum
 FASEB Journal
 FEBS Letters
 Feddes Repertorium
 FEMS Microbiology Letters
 Fertilizer Research
 Field Crops Research
 Fitopatologia Brasileira
 Fitopatologia Colombiana
 Fiziologiya i Biokhimiya Kul'turnykh Rastenii
 Flavour and Fragrance Journal
 Folia Entomológica Mexicana
 Folia Histochemica et Cytobiologica
 Folia Horticulturae
 Folia Microbiologica
 FONAIAP Divulga
 Food Chemistry
 Food Industry (Tokyo)
 Food Policy
 Forest & Landscape Research
 Forest Ecology and Management
 Forest Genetics
 Forest Science
 Forest Science Monograph
 Forest Tree Improvement, Arboretet Hørsholm, Denmark
 Forestry (Oxford)
 Forestry Chronicle
 Forschungs-Report, Ernährung Landwirtschaft Forsten
 Forskningsserien - Danish Forest and Landscape Research Institute
 Forst und Holz
 Forstarchiv
 Fourrages
 Fragmenta Floristica et Geobotanica, Series Polonica
 Fragmenta Floristica et Geobotanica, Supplementum
 FRC Plantation Forestry Reports
 Fresenius Environmental Bulletin
 Frontline, Technical Note - Ontario Region, Canadian Forest Service
 Fruit Belge
 Fruit Varieties Journal
 Fruits (Paris)
 Fruitteelt (Den Haag)
 Fruitteelt-nieuws
 Functional Ecology
 Fundamental and Applied Nematology
 Gamma Field Symposia
 Garcia de Orta. Série de Geografia
 Garden (London)
 Gartenbaumagazin
 Gartenbauwissenschaft
 Gazeta Cukrownicza
 Gemüse (München)
 Gene
 General Technical Report - Intermountain Research Station, USDA Forest Service
 Genes & Development
 Genes and Genetic Systems
 Genes to Cells
 Genetic Epidemiology
 Genetic Resources and Crop Evolution
 Genetic Resources Communication
 Genetica
 Genetica Polonica
 Genetical Research
 Genetics
 Genetics, Selection, Evolution
 Genetika (Moskva)
 Genetika a Šlechtění
 Genome
 Genome Research

- Geojournal
 Gesunde Pflanzen
 Grana
 Grass and Forage Science
 Grassland of China
 Grassland Science
 Great Basin Naturalist
 Guangdong Agricultural Sciences
 Gujarat Agricultural University Research Journal
 Hamdard Medicus
 Haryana Agricultural University Journal of Research
 Hassadeh
 Helia
 Henan Nongye Kexue
 Hereditas (Beijing)
 Hereditas (Landskrona)
 Heredity
 HGCA Project Report
 Highlights of Agricultural Research - Alabama Agricultural Experiment Station
 Hlmachal Journal of Agricultural Research
 Hodowla Roślin, Aklimatyzacja i Nasiennictwo
 Holly Society Journal
 Holzforschung
 Horticultura Argentina
 Horticultura Brasileira
 Horticultura, Revista de Hortalizas, Flores y Plantas Ornamentales
 Horticultural Journal
 Horticultural Reviews
 Horticultural Science
 Horticulture Abstracts (Suwon)
 Horticulture in New Zealand
 HortScience
 HortTechnology
 Hungarian Agricultural Engineering
 IAR Newsletter of Agricultural Research
 ICRISAT Information Bulletin
 Iheringia, Série Botânica
 IITA Research
 INBAR Technical Report
 Indian Cocoa, Arecanut and Spices Journal
 Indian Farming
 Indian Forester
 Indian Journal of Agricultural Research
 Indian Journal of Agricultural Sciences
 Indian Journal of Agronomy
 Indian Journal of Animal Nutrition
 Indian Journal of Animal Sciences
 Indian Journal of Ecology
 Indian Journal of Experimental Biology
 Indian Journal of Forestry
 Indian Journal of Genetics & Plant Breeding
 Indian Journal of Mycology and Plant Pathology
 Indian Journal of Natural Rubber Research
 Indian Journal of Plant Physiology
 Indian Journal of Pulses Research
 Indian Journal of Sericulture
 Indian Journal of Virology
 Indian Phytopathology
 Indian Sugar
 Indian Textile Journal
 Indonesian Journal of Crop Science
 Industrial Crops and Products
 Infomusa
 INFORM - International News on Fats, Oils and Related Materials
 Informations-Forêt, Afocel-ArmeF
 Informativo ABRATES
 Informatore Agrario
 Informatore Agrario Supplemento
 Informe da Pesquisa - Instituto Agrônomo do Paraná
 Informe Técnico - Estación Experimental Agropecuaria Pergamino
 Infos (Paris)
 Inligtingsbulletin - Instituut vir Tropiese en Subtropiese Gewasse
 Insect Environment
 Insect Science and its Application
 Integrated Pest Management Reviews
 International Agricultural Development
 International Agrophysics
 International Arachis Newsletter
 International Archives of Allergy and Immunology
 International Camellia Journal
 International Chickpea and Pigeonpea Newsletter
 International Journal of Pest Management
 International Journal of Plant Sciences
 International Journal of Tropical Agriculture
 International Journal of Tropical Plant Diseases
 International Plant Propagators' Society: Combined Proceedings
 International Rice Commission Newsletter
 International Sorghum and Millets Newsletter
 International Sugar Journal
 International Sugar Journal (Cane Sugar Edition)
 Investigación Agraria, Producción y Protección Vegetales
 Iranian Journal of Agricultural Sciences
 Iranian Journal of Botany
 ISNAR Research Report
 Israel Journal of Plant Sciences
 Issues in Genetic Resources
 ITEA Producción Animal
 ITEA Producción Vegetal
 Ivy Journal
 Izvestiya Timiryazevskoi Sel'skokhozyaistvennoi Akademii
 Japanese Journal of Applied Entomology and Zoology
 Japanese Journal of Crop Science
 Japanese Journal of Genetics
 Japanese Journal of Soil Science and Plant Nutrition
 Japanese Journal of Tropical Agriculture
 JARQ, Japan Agricultural Research Quarterly
 Jiangsu Journal of Agricultural Sciences
 JIAS, Journal of the Iowa Academy of Science
 JIRCAS Journal
 Journal International des Sciences de la Vigne et du Vin
 Journal of Advanced Zoology
 Journal of Agricultural & Food Information
 Journal of Agricultural and Food Chemistry
 Journal of Agricultural Entomology
 Journal of Agricultural Meteorology
 Journal of Agricultural Research of China
 Journal of Agricultural Science
 Journal of Agricultural Science, Tokyo Nogyo Daigaku
 Journal of Agriculture of the University of Puerto Rico
 Journal of Agronomy and Crop Science
 Journal of Animal and Feed Sciences
 Journal of Animal Breeding and Genetics
 Journal of Animal Science
 Journal of Applied Ecology
 Journal of Applied Genetics
 Journal of Applied Phycology
 Journal of Applied Seed Production
 Journal of Arid Environments
 Journal of Basic Microbiology
 Journal of Beijing Forestry University
 Journal of Biochemistry (Tokyo)
 Journal of Biogeography
 Journal of Biological Chemistry
 Journal of Biomolecular Structure & Dynamics
 Journal of Biotechnology
 Journal of Cereal Science
 Journal of Chemical Ecology
 Journal of Chromatography
 Journal of Coffee Research
 Journal of Dairy Science
 Journal of Dairying, Foods and Home Sciences
 Journal of Ecobiology
 Journal of Ecology (Oxford)
 Journal of Economic and Taxonomic Botany
 Journal of Economic Entomology
 Journal of Entomological Research
 Journal of Entomological Science
 Journal of Environmental Horticulture
 Journal of Essential Oil Research
 Journal of Evolutionary Biology
 Journal of Experimental Botany
 Journal of Fermentation and Bioengineering
 Journal of Food Composition and Analysis
 Journal of Food Protection
 Journal of Food Quality
 Journal of Food Science
 Journal of Food Science and Technology (Mysore)
 Journal of Fruit Science
 Journal of Fujian Agricultural University
 Journal of General Virology
 Journal of Genetics
 Journal of Genetics & Breeding
 Journal of Hebei Agricultural University
 Journal of Heredity
 Journal of Horticultural Science
 Journal of Huazhong Agricultural University
 Journal of Insect Science
 Journal of Japanese Botany
 Journal of Jiangsu Agricultural College
 Journal of Jilin Agricultural University
 Journal of Korean Forestry Society
 Journal of Liquid Chromatography & Related Technologies
 Journal of Living World
 Journal of Maharashtra Agricultural Universities
 Journal of Mathematical Biology
 Journal of Molecular Biology
 Journal of Molecular Evolution
 Journal of Nanjing Agricultural University
 Journal of Nanjing Forestry University
 Journal of Natural Resources and Life Sciences Education
 Journal of Natural Rubber Research

- Journal of Nematology
 Journal of Northeast Agricultural University (Chinese Edition)
 Journal of Northeast Agricultural University (English Edition)
 Journal of Northeast Forestry University
 Journal of Northwest Forestry College
 Journal of Nuclear Agriculture and Biology
 Journal of Nutrition
 Journal of Oilseeds Research
 Journal of Palynology
 Journal of Phytopathology
 Journal of Plant Biochemistry and Biotechnology
 Journal of Plant Growth Regulation
 Journal of Plant Nutrition
 Journal of Plant Physiology
 Journal of Plant Resources and Environment
 Journal of Plantation Crops
 Journal of Potassium Research
 Journal of Production Agriculture
 Journal of Range Management
 Journal of Recent Advances in Applied Sciences
 Journal of Research APAU
 Journal of Research, Birsā Agricultural University
 Journal of Research, Punjab Agricultural University
 Journal of Root Crops
 Journal of Shandong Agricultural University
 Journal of Shanghai Agricultural College
 Journal of Small Fruit & Viticulture
 Journal of Soils and Crops
 Journal of South China Agricultural University
 Journal of Southwest Agricultural University
 Journal of Spices and Aromatic Crops
 Journal of Stored Products Research
 Journal of Sugar Beet Research
 Journal of Sustainable Agriculture
 Journal of Tea Science
 Journal of the Adelaide Botanic Gardens
 Journal of the Agricultural Science Society of North East India
 Journal of the Agricultural Society - University of Wales
 Journal of the American Oil Chemists' Society
 Journal of the American Society for Horticultural Science
 Journal of the Asiatic Society of Bangladesh Science
 Journal of the Faculty of Agriculture, Hokkaido University
 Journal of the Faculty of Agriculture, Kyushu University
 Journal of the Hokkaido Forest Products Research Institute
 Journal of the Indian Potato Association
 Journal of the Indian Society of Soil Science
 Journal of the International Hemp Association
 Journal of the Japanese Forestry Society
 Journal of the Japanese Society for Horticultural Science
 Journal of the Japanese Society of Agricultural Machinery
 Journal of the Kansas Entomological Society
 Journal of the Korean Society for Horticultural Science
 Journal of the Korean Society of Grassland Science
 Journal of the Mississippi Academy of Sciences
 Journal of the Oil Technologists' Association of India
 Journal of the Science of Food and Agriculture
 Journal of the Southern African Society for Horticultural Sciences
 Journal of the Zhejiang Forestry College
 Journal of Theoretical Biology
 Journal of Tropical Agriculture
 Journal of Tropical and Subtropical Botany
 Journal of Tropical Forest Science
 Journal of Turfgrass Management
 Journal of Vegetable Crop Production
 Journal of Zhejiang Forestry Science and Technology
 Jugoslovensko Voćarstvo
 Jurnal Biologi Indonesia
 Kaen Kaset = Khon Kaen Agriculture Journal
 Karnataka Journal of Agricultural Sciences
 Kartoffel' i Ovoshchi
 Kartoffelbau
 Kasetart Journal, Natural Sciences
 Kew Bulletin
 Korean Journal of Breeding
 Korean Journal of Crop Science
 Korean Journal of Plant Pathology
 Korean Journal of Weed Science
 Kühn-Archiv
 Kukuza i Sorgo
 Lagasalia
 Landbauforschung Völkrode
 Lavoura Arrozeira
 Lazaroa
 Legume Research
 Lens Newsletter
 Lesnoe Khozyaistvo
 Lesovedenie
 Lilloa
 Lindleyana
 Lipids
 Listy Cukrovarnické a Řepařské
 Lotus Newsletter
 Louisiana Agriculture
 Lucrări Ştiinţifice - Universitatea de Ştiinţe Agronomice Bucureşti.
 Seria A, Agronomie
 Madras Agricultural Journal
 Magnolia
 Mais
 Maize Genetics Cooperation Newsletter
 Malaysian Journal of Science. Series A, Life Sciences
 Materiały Sesji Instytutu Ochrony Roślin
 Maydica
 McIlvainea
 Mededeling - Landbouw-Economisch Instituut
 Mededeling - Provinciaal Onderzoek- en Voorlichtingscentrum voor
 Land- en Tuinbouw, Beitem-Roeselare
 Mededelingen - Faculteit Landbouwkundige en Toegepaste Biologische
 Wetenschappen, Universiteit Gent
 Memoirs of Ōsaka Kyoiku University. III, Natural Science and Applied
 Science
 Memoirs of the Faculty of Agriculture, Hokkaido University
 Memoirs of the Faculty of Agriculture, Kagoshima University
 Menara Perkebunan
 Methods in Cell Science
 Methods in Enzymology
 Metsänjalostussäätiön Tiedonantoja
 Mezhdunarodnyĭ Sel'skokhozyaistvennyĭ Zhurnal
 Microbiological Research
 Microbiological Reviews
 Microbiology (Beijing)
 Microbiology (Reading)
 Microbios
 Mikológiai Közlemények
 Mikrobiologichnii Zhurnal
 Mitteilungen aus der Forstlichen Versuchsanstalt Rheinland-Pfalz
 Mitteilungen der Deutschen Gesellschaft für Allgemeine und Ange-
 wandte Entomologie
 Mitteilungen Klosterneuburg, Rebe und Wein, Obstbau und
 Früchteverwertung
 Mokuzai Gakkaishi = Journal of the Japan Wood Research Society
 Molecular and Cellular Biology
 Molecular and General Genetics
 Molecular Biology (New York)
 Molecular Biology and Evolution
 Molecular Biology of the Cell
 Molecular Biotechnology
 Molecular Breeding
 Molecular Ecology
 Molecular Phylogenetics and Evolution
 Molecular Plant-Microbe Interactions
 Molecules and Cells
 Monatsschrift für Brauwissenschaft
 MusAfrica
 Mutation Research, Fundamental and Molecular Mechanisms of
 Mutagenesis
 Mycological Research
 Mycologist
 Mycotaxon
 Mysore Journal of Agricultural Sciences
 Nachrichtenblatt des Deutschen Pflanzenschutzdienstes
 Nahrung
 Naturalia (São Paulo)
 Nature (London)
 Nature Biotechnology
 Naturwissenschaften
 Nauka za Gorata
 NBRI Newsletter
 Nematologia Mediterranea
 Neo Botanica
 Netherlands Journal of Agricultural Science
 Neue Landwirtschaft
 New Botanist
 New England Journal of Medicine
 New Forests
 New Phytologist
 New Plantsman
 New Zealand Forestry
 New Zealand Journal of Agricultural Research
 New Zealand Journal of Botany
 New Zealand Journal of Crop and Horticultural Science
 New Zealand Journal of Ecology
 News Letter - National Horticultural Research and Development
 Foundation
 Newsletter - Coffee Research Institute
 Newsletter - International Herbage Seed Production Research Group
 Ningxia Journal of Agricultural and Forestry Science and Technology
 Nippon Nogeikagaku Kaishi
 Nippon Shokuhin Kogyo Gakkaishi = Journal of the Japanese Society
 for Food Science and Technology
 Nordic Journal of Botany
 Nordisk Jordbruksforskning
 Norsk Landbruksforskning

- North Carolina Flower Growers' Bulletin
 Norwegian Journal of Agricultural Sciences
 Növényvédelem
 Novon
 NUCIS Newsletter
 Nucleic Acids Research
 Nucleus (Calcutta)
 Nutrition Reviews
 Nuytsia
 Obst- und Weinbau
 Obstbau Weinbau
 Ochrana Rostlin
 OCL - Oléagineux, Corps Gras, Lipides
 Oecologia
 Oikos
 Oil Crops of China
 Olivæ
 Orchardist
 Orchardist of New Zealand
 Orchids
 Orissa Journal of Agricultural Research
 Orissa Journal of Horticulture
 ORSTOM Actualités
 Österreichische Forstzeitung
 Outlook on Agriculture
 PAC Working Paper - Pakhribas Agricultural Centre
 Pacific Science
 Pakistan Journal of Botany
 Pakistan Journal of Phytopathology
 Pakistan Journal of Scientific and Industrial Research
 Pakistan Journal of Zoology
 Pakistan Sugar Journal
 Pamiętnik Puławski
 Papua New Guinea Journal of Agriculture, Forestry and Fisheries
 Partners in Research for Development
 Pastos y Forrajes
 Pasturas Tropicales
 Peanut Science
 Perfumer & Flavorist
 Periodicum Biologorum
 Pertanika Journal of Tropical Agricultural Science
 Pesquisa Agropecuária Brasileira
 Pest Management in Horticultural Ecosystems
 Pesticide Outlook
 Pesticide Research Journal
 Pesticide Science
 Petria
 Pharmazie
 Philippine Journal of Science
 Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences
 Photosynthesis Research
 Photosynthetica
 Physiologia Plantarum
 Physiological and Molecular Plant Pathology
 Phytochemistry
 Phytoma
 Phytomorphology
 Phytom (Buenos Aires)
 Phytom (Horn)
 Phytoparasitica
 Phytopathologia Mediterranea
 Phytopathologia Polonica
 Phytopathology
 Phytophaga (Madras)
 Pittieria
 PKV Research Journal
 Plant and Cell Physiology
 Plant and Soil
 Plant Breeding
 Plant Breeding Abstracts
 Plant Cell
 Plant Cell Reports
 Plant Cell, Tissue and Organ Culture
 Plant Disease
 Plant Foods for Human Nutrition
 Plant Genetic Resources Newsletter
 Plant Growth Regulation
 Plant Growth Regulator Society of America Quarterly
 Plant Journal
 Plant Molecular Biology
 Plant Molecular Biology Reporter
 Plant Pathology
 Plant Physiology
 Plant Physiology and Biochemistry (Paris)
 Plant Physiology Communications
 Plant Protection
 Plant Protection Bulletin (Taipei)
 Plant Science (Limerick)
 Plant Systematics and Evolution
 Plant Varieties & Seeds
 Plant Varieties Journal
 Plant, Cell and Environment
 Planta
 Planta Medica
 Plantations, Recherche, Développement
 Planter
 Planters' Chronicle
 Poljoprivredna Znanstvena Smotra
 Postharvest Biology and Technology
 Potato Research
 Potravínáfské Vědy
 Prace Instytutu Technologii Drewna
 Prace Komisji Technologii Drewna
 Prace Naukowe Instytutu Ochrony Roślin
 Prace z Zakresu Nauk Rolniczych
 Pratacultural Science
 Principes
 Probe. Newsletter of the USDA Plant Genome Research Program
 Probleme de Genetică Teoretică și Aplicată
 Problems of Desert Development
 Proceedings Annual Conference - Agronomy Society of New Zealand
 Proceedings of the Annual Congress - South African Sugar Technologists' Association
 Proceedings of the Association for Plant Protection of Kyushu
 Proceedings of the Florida State Horticultural Society
 Proceedings of the Indian National Science Academy. Part B, Biological Sciences
 Proceedings of the Japanese Society of Sugar Beet Technologists
 Proceedings of the Latvian Academy of Sciences. Section B, Natural Sciences
 Proceedings of the National Academy of Sciences of the United States of America
 Proceedings of the National Science Council, Republic of China. Part B, Life Sciences
 Proceedings of the New Zealand Grassland Association
 Proceedings of the Royal Society of Edinburgh. Section B, Biological Sciences
 Proceedings of the Royal Society of London. Series B, Biological Sciences
 Proceedings of the Royal Society of Victoria
 Progrès Agricole et Viticole
 Protoplasma
 PSP Pflanzenschutz Praxis
 Publicación Técnica - Estación Experimental Agropecuaria Anguil
 Punjab Vegetable Grower
 Pyrethrum Post
 Qatar University Science Journal
 Quarterly Newsletter - Tea Research Foundation of Central Africa
 Rachis
 RAFI Communique
 Rapport - Institutionen för Skogsproduktion, Sveriges Lantbruksuniversitet
 Rapport fra Skogforsk
 Rapporter och Uppsatser - Institutionen för Skogsgenetik, Sveriges Lantbruksuniversitet
 Rasteniye'dni Nauki
 Rastitel'nye Resursy
 RDA Journal of Agricultural Science, Biotechnology
 RDA Journal of Agricultural Science, Horticulture
 RDA Journal of Agricultural Science, Rice
 RDA Journal of Agricultural Science, Upland & Industrial Crops
 Recent Horticulture
 Redogörelse - SkogForsk
 Report - Cucurbit Genetics Cooperative
 Report - SkogForsk
 Report of the Soy Protein Research Committee (Japan)
 Report of the Taiwan Sugar Research Institute
 Research & Training Newsletter (Dar es Salaam)
 Research Bulletin - Georgia Agricultural Experiment Stations
 Research Bulletin of the Aichi-ken Agricultural Research Center
 Research Bulletin of the Hokkaido National Agricultural Experiment Station
 Research Bulletin of the Hokkaido University Forests
 Research Circular - Ohio Agricultural Research and Development Center
 Research Report - Georgia Agricultural Experiment Stations
 Research Series - Arkansas Agricultural Experiment Station
 Restoration Ecology
 Resume des Recherches - Station de Recherche de Saint-Jean-sur-Richelieu, Quebec
 Review of Research Work at the Faculty of Agriculture, Belgrade
 Revista Argentina de Microbiología
 Revista Biología (Habana)
 Revista Brasileira de Ciência do Solo
 Revista Brasileira de Fisiologia Vegetal
 Revista Brasileira de Genética
 Revista Brasileira de Sementes
 Revista Ceres
 Revista Chapingo. Serie Horticultura
 Revista Colombiana de Entomología
 Revista da Sociedade Brasileira de Zootecnia

- Revista de Agricultura (Piracicaba)
 Revista de Biología (Lisboa)
 Revista de Biología Tropical
 Revista de la Facultad de Agronomía (La Plata)
 Revista de la Facultad de Agronomía (Universidad de Buenos Aires)
 Revista de la Facultad de Agronomía, Universidad Central de Venezuela
 Revista de la Facultad de Agronomía, Universidad del Zulia
 Revista de la Facultad de Ciencias Agrarias, Universidad Nacional de Cuyo
 Revista Frutícola
 Revista Industrial y Agrícola de Tucumán
 Revista UNIMAR
 Revista Universidade Rural. Série Ciências da Vida
 Revue Agricole et Sucrière de l'Île Maurice
 Revue Forestière Française
 Revue Suisse d'Agriculture
 Revue Suisse de Viticulture, d'Arboriculture et d'Horticulture
 RIA, Revista de Investigaciones Agropecuarias
 Rice Biotechnology Quarterly
 Rice Genome
 Rivista di Agronomia
 Rivista di Frutticoltura e di Ortofloricoltura
 Rivista di Patologia Vegetale
 Rivista di Viticoltura e di Enologia
 Rivista Italiana delle Sostanze Grasse
 Rivista Italiana EPPOS
 Roczniki Nauk Rolniczych. Seria A, Produkcja Roślinna
 Romanian Agricultural Research
 Rośliny Oleiste
 Rostlinná Vyroba
 Rubber Board Bulletin
 Rural Research
 Russian Agricultural Sciences
 Russian Journal of Ecology
 Russian Journal of Plant Physiology
 SAAS Bulletin of Biochemistry and Biotechnology
 SACCAR Newsletter
 SAD, Revija za Sadjarstvo, Vinogradništvo in Vinarstvo
 Sadovodstvo i Vinogradarstvo
 Sakhar'naya Svekla
 Sandakania
 Sarhad Journal of Agriculture
 Scandinavian Journal of Forest Research
 Schriftenreihe des Bundesministeriums für Ernährung, Landwirtschaft und Forsten. Reihe A, Angewandte Wissenschaft
 Science (Washington)
 Science Bulletin of the Faculty of Agriculture, Kyushu University
 Science in China. Series B, Chemistry, Life Sciences & Earth Sciences
 Sciences des Aliments
 Scientia Agricola
 Scientia Agricultura Sinica
 Scientia Agriculturae Bohemica
 Scientia Horticulturae
 Scientific Studies - Research Institute for Fodder Plants
 Sécheresse
 Seed and Plant
 Seed Research
 Seed Science and Technology
 Seed Science Research
 Seed World (Des Plaines)
 Sel'skokhozyaistvennaya Biologiya
 Selekcija i Semearstvo
 Sementi Elette
 Seminar Paper - Lumle Regional Agricultural Research Centre
 Sendtnera, Mitteilungen der Botanischen Staatssammlung und des Instituts für Systematische Botanik der Universität München
 Serie Divulgación - Dirección de Producción Agrícola, Secretaría de Agricultura Ganadería y Pesca
 Sexual Plant Reproduction
 Silva Fennica
 Silva Lusitana
 Silvae Genetica
 Silvoenergia
 Sinet, an Ethiopian Journal of Science
 Sjemearstvo
 Sochi Shikenjo Kenkyu Hokoku = Bulletin of the National Grassland Research Institute
 Sodobno Kmetijstvo
 Soil Science and Plant Nutrition
 Sortenversuchsergebnisse - Bundesversuchsanstalt für Alpenländische Landwirtschaft Gumpenstein
 South African Forestry Journal
 South African Journal of Botany
 South African Journal of Plant and Soil
 South African Journal of Science
 South China Fruits
 South Indian Horticulture
 Southern Journal of Applied Forestry
 Southwestern Entomologist
 Soybean Genetics Newsletter
 Soybean Science
 SP Rapport - Statens Planteavlfsforsøg
 Special Bulletin of the College of Agriculture, Utsunomiya University
 Special Circular - Ohio Agricultural Research and Development Center
 Special Publication - Taichung District Agricultural Improvement Station
 Special Report - Agricultural Experiment Station, Division of Agriculture, University of Arkansas
 Sri Lankan Journal of Agricultural Sciences
 Staff Paper Series - Department of Forest Resources, University of Minnesota
 Sugar Cane
 Sugarcane Breeding Institute News Letter
 Sumarski List
 Summa Phytopathologica
 Sveriges Utsädesförenings Tidskrift
 Swedish Journal of Agricultural Research
 Sweetpotato Research Front
 Symbiosis (Rehovot)
 Systematic Biology
 Systematic Botany
 Taiwan Agriculture
 Taiwan Sugar
 Taiwania
 TASPO Gartenbaumagazin
 Taxon
 Tea
 Tea Communication
 Technical Bulletin - United States Department of Agriculture
 Technical Bulletin of Faculty of Horticulture, Chiba University
 Technical Bulletin of the Faculty of Agriculture, Kagawa University
 Technical News - Institute of Radiation Breeding
 Technical Publication - ASEAN Forest Tree Seed Centre Project
 Technical Report - Department of Primary Industries, South Australia
 Tecnica Molitoria
 Técnica Pecuaria en México
 Telopea
 Terra e Sole
 Theoretical and Applied Genetics
 Theoretical Population Biology
 TM, Tropical Agronomy Technical Memorandum
 Tobacco Research
 Tohoku Journal of Agricultural Research
 Tohoku Nogyo Shikenjo Kenkyu Shiryo = Miscellaneous Publication of the Tohoku National Agricultural Experiment Station
 Transactions of the Illinois State Horticultural Society
 Transgenic Research
 Tree Physiology
 Trends in Biochemical Sciences
 Trends in Biotechnology
 Trends in Ecology & Evolution
 Trends in Genetics
 Trends in Plant Science
 Tropenlandwirt
 Tropenlandwirt, Beiheft
 Tropical Agriculture
 Tropical Ecology
 Tropical Forestry Papers
 Tropical Grasslands
 Tropical Science
 Tropicultura
 Tsitologiya
 Tsitologiya i Genetika
 Turkish Journal of Agriculture & Forestry
 Turkish Journal of Biology
 Turkish Journal of Botany
 Turrialba
 Uspekhi Sovremennoï Biologii
 Van Vigyan
 Vaniki Sandesh
 Vegetatio
 Verslag - Proefstation voor de Akkerbouw en de Groenteteelt in de Vollegrond
 Vestsi Akademiï Agrarnykh Navuk Belarusi
 Vignevisini
 Vinograd (Bratislava)
 Virology (New York)
 Vitis
 VTT Publications
 VTT Tiedotteita
 WANATCA Yearbook
 Warta Pusat Penelitian Bioteknologi Perkebunan
 Water, Air, and Soil Pollution
 Watsonia
 Webbia
 Weed Research (Oxford)
 Weed Research, Japan
 Weed Science
 Weed Technology
 Wheat Information Service
 Willdenowia

Wood and Fiber Science
Wood Research
Wood Science and Technology
Working Paper - International Rural Development Centre, Swedish University of Agricultural Sciences
Working Paper - Land and Agriculture Policy Centre
Working Paper - Lumle Regional Agricultural Research Centre
World Development (Oxford)
Yearbook - South African Avocado Growers' Association
Yearbook - South African Litchi Growers' Association
Yearbook - South African Mango Growers' Association
Yearbook of the Heather Society
Zahradnictví
Zashchita Rastenii (Moskva)
Zbornik Biotehniške Fakultete Univerze v Ljubljani, Kmetijstvo
Zbornik Gozdarstva in Lesarstva, Ljubljana
Zeitschrift für Lebensmittel-Untersuchung und -Forschung
Zeitschrift für Naturforschung. Section C, Biosciences
Zeitschrift für Pflanzenernährung und Bodenkunde
Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz
Zemědělská Technika
Zemledélie
Zeszyty Naukowe Akademii Rolniczej im. Hugona Kołłątaja w Krakowie, Rolnictwo
Zeszyty Naukowe Akademii Rolniczej im. Hugona Kołłątaja w Krakowie, Rozprawy
Zeszyty Naukowe Akademii Rolniczej w Szczecinie, Rolnictwo
Zeszyty Naukowe Instytutu Sadownictwa i Kwiaciarnictwa w Skierniewicach
Zimbabwe Science News
Ziranziyuan
Zöldszégetermesztési Kutató Intézet Bulletinje
Zootecnia (São Paulo)
Zuckerindustrie
Zygote

INFORMATION SERVICES AND PUBLICATIONS

Over 100 scientists/linguists in CABI's Information Services at Wallingford, UK, with help from associated organizations and individuals worldwide, abstract and index the significant research and development literature in agriculture, forestry, aspects of human health, and allied disciplines. Over 12,000 serials and many other publications are scanned, and over 160,000 bibliographic records are compiled each year for input to CABI's main databases, CAB ABSTRACTS and CAB HEALTH. In addition, a current awareness service, CABAccess, provides fast, unrivalled access to the key literature in agriculture and bioscience.

Both CAB ABSTRACTS and CAB HEALTH are available on-line, and a wide range of information products are derived from them.

ABSTRACT JOURNALS

Printed journals covering broad disciplines as well as specialist interests. Some journals also contain news and other information including review articles. Also available on floppy disk.

CD-ROM

CAB ABSTRACTS on Compact Disc, the CABCD, available back to 1973.

CAB HEALTH – available back to 1973.

CAB SPECTRUM – 10 subject-specific discs containing at least 20 years of information on each of the major disciplines.

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Organizations with access to mini or mainframe computers may lease all or part of the CAB ABSTRACTS database.

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Bulletin of Entomological Research, Seed Science Research, Journal of Helminthology, Soil Use and Management, Outlook on Agriculture and Meat Focus International.

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Scientific software and reference tools

ANI-CD – An authority file containing approximately 100,000 arthropod names with preferred terms, synonyms, common names, taxonomic positions and bibliographic references.

CABIKEY – An interactive diagnostic key for the identification of insects and other organisms. The first CABIKEY application covers major beetle families.

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THE ORGANIZATION

CAB INTERNATIONAL (CABI) is an international, intergovernmental organization established in 1928. It is owned by its member governments, which currently number 40. The organization is largely self-supporting, through the sale of its products and services, and other sources of income.

CABI is dedicated to improving human welfare worldwide through the dissemination, application and generation of scientific knowledge in support of sustainable development, with emphasis on agriculture, forestry, human health and the management of natural resources, and with particular attention to the needs of developing countries.

INFORMATION SERVICES

Scientific and technical information services are provided, derived principally from bibliographic databases built by CABI staff from the world's relevant published literature, with assistance from freelance workers and contracted organizations.

CABI's main databases, CAB ABSTRACTS and CAB HEALTH cover:

agriculture – forestry and forest products – field crops – grasslands – horticulture – crop protection – plant and animal breeding – veterinary science – leisure, recreation and tourism – rural sociology and development – environmental sciences – soils, land and water management – biotechnology – human and animal nutrition – human and animal parasitology – public health – communicable diseases – AIDS – tropical diseases – community health.

Outputs from these databases are distributed in printed form, and in electronic form on diskette, CD-ROM (Compact Disc) and magnetic tape. On-line access is provided by commercial database vendors. These products and services are used by research scientists, teachers and students in higher education, development, planners, health workers, and other professionals. Copies of source documents are available through CABI's Document Delivery Service.

In addition to publishing information from the databases, CABI also publishes books, primary journals, newsletters and training manuals in all subject areas within the remit of the organization.

Research and development is undertaken in innovative information systems. Training in information management is offered, especially for developing countries. Advice and practical assistance are given in the design and implementation of science-based information systems, and in the use of modern information technology. Where necessary, partnerships with development assistance agencies are sought to help developing countries acquire the products and services they need.

For further details of all CABI's information products and services see inside back cover.

SCIENTIFIC SERVICES

CABI's scientific services are centred on its four institutes.

International Institute of Entomology

56 Queen's Gate, London, SW7 5JR, UK,
and in the Natural History Museum

International Institute of Parasitology

395a Hatfield Road, St Albans,
Herts AL4 0XU, UK

International Mycological Institute

Bakeham Lane, Egham, Surrey TW20 9TY, UK

International Institute of Biological Control

Silwood Park, Buckhurst Road, Ascot,
Berks SL5 7TA, UK,
with field stations in Trinidad & Tobago,
Switzerland, Pakistan, Malaysia and Kenya.

The services provided include:

- authoritative identification of crop pests and pathogens, and parasitic helminths
- survey and diagnosis of plant health problems
- support for integrated pest management and biological control
- biosystematic research on arthropods, micro-organisms, nematodes and helminths
- diagnosis of biodeterioration problems for industry
- research on human mycoses and tropical parasitic diseases
- training, consultancy and advice in all these areas

CABI also provides the Technical Secretariat of the Consultative Group for BioNET INTERNATIONAL, an international cooperative endeavour dedicated to the development of effective biosystematic capabilities and services in developing countries.